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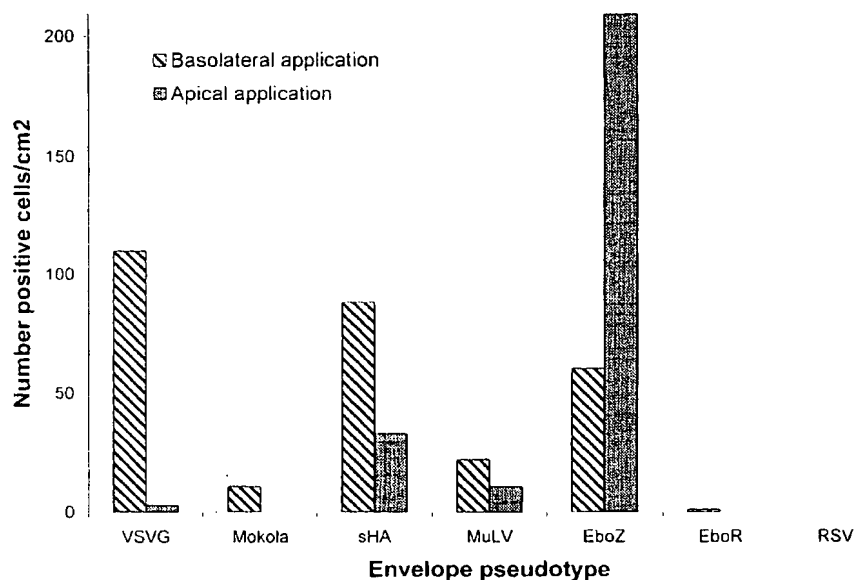
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[Continued on next page]

(54) Title: RECOMBINANT LENTIVIRAL VECTORS PSEUDOTYPED IN ENVELOPES CONTAINING FILOVIRUS BINDING DOMAINS



(57) Abstract: Recombinant transfer viruses, comprising an HIV minigene carrying a desired molecule, packaged in an envelope containing at least the binding domain of the ebola envelope protein, are described. Also described are methods of producing these transfer viruses and methods of using these viruses to deliver genes to selected target cells. These transfer viruses are particularly useful for delivery of molecules, *in vivo*, to lung cells following intracheal delivery or for delivery of molecules, *ex vivo*, to macrophages and dendritic cells.

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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/867 C12N5/10 A61K48/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, MEDLINE, PAJ, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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P, X	WO 00 55335 A (DANA FARBER CANCER INST INC ; OGUETA SANDRA (US); MARASCO WAYNE A () 21 September 2000 (2000-09-21) the whole document ---	1-26
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X	WO 00 00600 A (CHANG LUNG JI) 6 January 2000 (2000-01-06) the whole document ---	1-26
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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International Application No

PCT/US 01/12880

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>NALDINI L ET AL: "IN VIVO GENE DELIVERY AND STABLE TRANSDUCTION OF NONDIVIDING CELLS BY A LENTIVIRAL VECTOR" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, US, vol. 272, 12 April 1996 (1996-04-12), pages 263-267, XP002917172 ISSN: 0036-8075 the whole document</p> <p>---</p>	1-26
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A	<p>MIYOSHI H ET AL: "DEVELOPMENT OF A SELF-INACTIVATING LENTIVIRUS VECTOR" JOURNAL OF VIROLOGY, THE AMERICAN SOCIETY FOR MICROBIOLOGY, US, vol. 72, no. 10, 1998, pages 8150-8157, XP000886313 ISSN: 0022-538X the whole document</p> <p>---</p> <p style="text-align: center;">-/--</p>	5-8

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